

Title (en)

Method and device for forming packages or partial packages from loose stacked printed products

Title (de)

Verfahren und Vorrichtung zum Bilden von Paketen bzw. Teilpaketen aus lose gestapelten Druckerzeugnissen

Title (fr)

Procédé et dispositif de formation de paquets ou de paquets partiels à partir de produits imprimés empilés en vrac

Publication

EP 2617667 B1 20140319 (DE)

Application

EP 12151426 A 20120117

Priority

EP 12151426 A 20120117

Abstract (en)

[origin: EP2617667A1] The method involves transporting press products (1) with lower and upper conveyors (2, 3) to a package forming unit. The press products are arranged one above another in an overlapping manner. Gaps and/or unwanted gaps (1'') between scale form press products one above the other are detected. A ramp (11) is activated with respect to transport direction of the press products arranged behind the unwanted gap, where the press product is raised by the ramp, so that press material is presented in a scale form on a held press product (1'). An independent claim is also included for a device for forming packages or subpackets of loosely stacked printed products.

IPC 8 full level

B65H 29/66 (2006.01); **B65H 29/12** (2006.01); **B65H 39/00** (2006.01); **B65H 43/02** (2006.01)

CPC (source: EP)

B65H 29/12 (2013.01); **B65H 29/66** (2013.01); **B65H 29/6627** (2013.01); **B65H 39/00** (2013.01); **B65H 43/02** (2013.01); **B65H 2220/09** (2013.01); **B65H 2301/437** (2013.01); **B65H 2404/2613** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/515** (2013.01); **B65H 2513/512** (2013.01); **B65H 2557/51** (2013.01); **B65H 2701/1932** (2013.01)

C-Set (source: EP)

1. **B65H 2511/515** + **B65H 2220/01**
2. **B65H 2513/512** + **B65H 2220/02**
3. **B65H 2404/2613** + **B65H 2220/09**
4. **B65H 2511/20** + **B65H 2220/02** + **B65H 2220/11**

Citation (examination)

US 4214743 A 19800729 - MEIER JACQUES [CH]

Cited by

CN109928183A; CN114761340A; EP3498637A1; CN109927148A; US12054348B2

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

DOCDB simple family (publication)

EP 2617667 A1 20130724; **EP 2617667 B1 20140319**; DK 2617667 T3 20140602; ES 2470317 T3 20140623

DOCDB simple family (application)

EP 12151426 A 20120117; DK 12151426 T 20120117; ES 12151426 T 20120117