

Title (en)

Device for separating flat products arranged in shingled formation

Title (de)

Vorrichtung zum Vereinzeln von aufgeschuppten, flachen Produkten

Title (fr)

Dispositif pour séparer des produits plats disposés en formation imbriquée

Publication

EP 1522513 A3 20080305 (DE)

Application

EP 04400027 A 20040519

Priority

- DE 10347164 A 20031006
- DE 10347171 A 20031008

Abstract (en)

[origin: EP1522513A2] Device for separating overlapped flat products (16), especially folding boxes (18), comprises a delivery belt (8) on which the overlapped products are transported at a first transport speed (VZ). A discharge belt (22) connected downstream to the delivery belt has a greater transport speed. The discharge belt is designed as a vacuum belt. A retaining device is provided for subsequent flat products.

IPC 8 full level

B65H 5/24 (2006.01); **B65H 5/22** (2006.01)

CPC (source: EP)

B65H 5/224 (2013.01); **B65H 5/24** (2013.01); **B65H 2301/4451** (2013.01); **B65H 2301/44732** (2013.01); **B65H 2301/44735** (2013.01); **B65H 2801/21** (2013.01)

Citation (search report)

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DE102015216875B4; US5726213A; US5710188A; DE102015216875A1; US8132805B2; WO2008009402A1

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

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

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