

Title (en)

Device for packing flat objects in containers, in particular flat folded boxes in cartons

Title (de)

Vorrichtung zum Packen von flachen Gegenständen in Transportbehälter, insbesondere von flach gefalteten Faltschachteln in Umkartons

Title (fr)

Dispositif pour emballer des objets plats dans des conteneurs, en particulier des boîtes pliées à plat dans des cartons

Publication

EP 1352864 A3 20050302 (DE)

Application

EP 03007375 A 20030402

Priority

- DE 10215646 A 20020409
- DE 10225865 A 20020611

Abstract (en)

[origin: EP1352864A2] The device has a flat object feed device followed by a conveyor whose end delivers the objects into the transport containers at a filling position and an arrangement that moves the transport containers to the filling position. The transition between the feed device and conveyor is an accumulation and handover device with a roller attached to the conveyor and a height adjustable hold-down bar attached to the conveyor adjustable with the roller. The device has a feed device for the flat objects followed by a conveyor whose end delivers the objects into the transport containers at a filling position and an arrangement that moves the transport containers to the filling position. The transition between the feed device and conveyor is an accumulation and handover device with a roller attached to the conveyor and a height adjustable hold-down bar attached to the conveyor adjustable with the roller.

IPC 1-7

B65B 25/14; **B65B 65/02**; **B65H 29/66**; **B65H 29/14**; **B65H 31/06**

IPC 8 full level

B65B 25/14 (2006.01); **B65H 29/14** (2006.01); **B65H 29/66** (2006.01); **B65B 5/08** (2006.01)

CPC (source: EP US)

B65B 25/143 (2013.01 - EP US); **B65H 29/14** (2013.01 - EP US); **B65H 29/66** (2013.01 - EP US); **B65B 5/08** (2013.01 - EP US); **B65H 2301/42146** (2013.01 - EP US); **B65H 2301/422548** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US); **B65H 2301/4474** (2013.01 - EP US); **B65H 2511/10** (2013.01 - EP US); **B65H 2511/20** (2013.01 - EP US); **B65H 2701/1766** (2013.01 - EP US)

Citation (search report)

- [A] GB 2163721 A 19860305 - BOBST SA
- [A] DE 2825420 A1 19791213 - JAGENBERG WERKE AG
- [A] PATENT ABSTRACTS OF JAPAN vol. 0172, no. 01 (M - 1399) 20 April 1993 (1993-04-20)

Cited by

EP3023337A1; CN112874940A; DE102014223794A1

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DOCDB simple family (publication)

EP 1352864 A2 20031015; **EP 1352864 A3 20050302**; **EP 1352864 B1 20081105**; AT E413331 T1 20081115; DE 10225865 A1 20031023; DE 50310730 D1 20081218; ES 2315439 T3 20090401; US 2003233815 A1 20031225; US 6973766 B2 20051213

DOCDB simple family (application)

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