

Title (en)

METHOD AND DEVICE FOR REMOVING FLAT PACKAGES FROM A PILE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABZUG FLACHER SENDUNGEN VON EINEM STAPEL

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE RETIRER DES ENVOIS PLATS D'UNE PILE

Publication

EP 1115508 B1 20020717 (DE)

Application

EP 99952263 A 19990802

Priority

- DE 9902405 W 19990802
- DE 19835828 A 19980807

Abstract (en)

[origin: DE19835828C1] The invention relates to a method and device for removing flat packages from a pile, using a transfer device with a controllable transfer speed that transfers the packages to conveyor belts driven at a speed v_0 . Certain theoretical speed value levels are assigned to differences between actual gaps and desired gaps. Since the curve forms can be selected, it is possible to take drive ratios into account. In order to reach the desired gap at a speed v_0 at the point where the packages are transferred to the conveyor belts, the theoretical speed level curves of the drive mechanism are assigned to real gaps on the basis of prior measurements. Non-linearities of the transfer function of the drive are detected by measurement-based tabular allocation of speed levels.

IPC 1-7

B07C 1/02

IPC 8 full level

B07C 1/02 (2006.01); **B07C 1/04** (2006.01); **B65H 3/04** (2006.01); **B65H 7/02** (2006.01); **B65H 43/00** (2006.01)

CPC (source: EP US)

B07C 1/04 (2013.01 - EP US); **B65H 3/04** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 43/00** (2013.01 - EP US); **B65H 2220/03** (2013.01 - EP); **B65H 2301/4452** (2013.01 - EP US); **B65H 2511/11** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2513/50** (2013.01 - EP US); **B65H 2557/242** (2013.01 - EP US); **B65H 2701/1311** (2013.01 - EP US); **B65H 2701/1313** (2013.01 - EP US)

Cited by

CN109351645A

Designated contracting state (EPC)

BE DE FR IT

DOCDB simple family (publication)

DE 19835828 C1 19990805; DE 59902066 D1 20020822; EP 1115508 A1 20010718; EP 1115508 B1 20020717; JP 2002522313 A 20020723; US 6578839 B1 20030617; WO 0007744 A1 20000217

DOCDB simple family (application)

DE 19835828 A 19980807; DE 59902066 T 19990802; DE 9902405 W 19990802; EP 99952263 A 19990802; JP 2000563413 A 19990802; US 76249201 A 20010326