

Title (en)

A handling device for packages, such as bottles, and a method in the handling of packages.

Title (de)

Vorrichtung und Verfahren zum Handhaben von Verpackungen wie zum Beispiel Flaschen.

Title (fr)

Dispositif et procédé pour la manutention d'emballages, tels que des bouteilles.

Publication

EP 0573050 A1 19931208 (EN)

Application

EP 93108961 A 19930603

Priority

FI 922626 A 19920605

Abstract (en)

The invention relates to a handling device (10) for packages, such as bottles, and to a method in the handling of packages. The device comprises a movable guide (15), into which the packages are transferred. The guide (15) has an open bottom, whereby, when a package is transferred by an actuator (17), the packages inside the guide in a space (U) drop off. The device solution comprises plate-like guide plates (15b1, 15b2, 15b3...) cooperative with the guide (15), and the packages may be transferred to the stations (16a, 16b, 16c...) located therebetween by means of the guide (15) before they are dropped into a crate. <IMAGE>

IPC 1-7

B65B 5/10; B65B 21/10

IPC 8 full level

B65B 5/10 (2006.01); **B65B 21/06** (2006.01); **B65B 21/10** (2006.01)

CPC (source: EP)

B65B 5/101 (2013.01); **B65B 21/06** (2013.01); **B65B 21/10** (2013.01)

Citation (search report)

- [X] US 2318598 A 19430511 - DAVIS ALLAN C
- [A] DE 9013729 U1 19910404

Cited by

CN117002789A; BE1027242A1; BE1027247A1; WO2020222132A1; BE1027241A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0573050 A1 19931208; DE 4318527 A1 19931209; DK 63893 A 19931206; DK 63893 D0 19930603; FI 91051 B 19940131;
FI 91051 C 19950822; FI 922626 A0 19920605; FI 922626 A 19931206; NO 932055 D0 19930604; NO 932055 L 19931206

DOCDB simple family (application)

EP 93108961 A 19930603; DE 4318527 A 19930603; DK 63893 A 19930603; FI 922626 A 19920605; NO 932055 A 19930604