

Title (en)

Method and unit for transferring a product on an intermittent packing machine

Title (de)

Verfahren und Baueinheit zum Überführen eines Produktes auf einer schrittweise arbeitenden Verpackungsmaschine

Title (fr)

Procédé et unité pour transférer un produit sur une machine d'emballage intermittente

Publication

EP 1772382 A1 20070411 (EN)

Application

EP 06111807 A 20060328

Priority

IT BO20050596 A 20051006

Abstract (en)

On a packing machine (1), pockets (12, 22, 28, 42) on a conveyor (13, 19, 25, 39) are fed in steps through a transfer station (51, 55, 57, 59); and at least one product (3) is transferred to/from a pocket (12, 22, 28, 42) on the conveyor (13, 19, 25, 39) when the pocket (12, 22, 28, 42) is arrested at the transfer station (51, 55, 57, 59) during a pause between two successive steps; before the product (3) is transferred, the pocket (12, 22, 28, 42) is moved with respect to the conveyor (13, 19, 25, 39) to set the pocket (12, 22, 28, 42) to a given transfer position at the transfer station (51, 55, 57, 59).

IPC 8 full level

B65B 11/30 (2006.01); **B65B 19/04** (2006.01); **B65B 19/22** (2006.01); **B65B 19/24** (2006.01)

CPC (source: EP US)

B65B 19/04 (2013.01 - EP US); **B65B 19/223** (2013.01 - EP US); **B65B 61/002** (2013.01 - EP US); **B65B 65/006** (2013.01 - EP US)

Citation (search report)

- [XA] EP 0806350 A1 19971112 - GD SPA [IT]
- [X] US 4484432 A 19841127 - OBERDORF MANFRED [DE]
- [X] US 2991605 A 19610711 - MAX POLLMANN
- [A] US 4559757 A 19851224 - FOCKE HEINZ H [DE], et al
- [A] US 3590556 A 19710706 - FOCKE HEINZ

Cited by

US11136152B2; EP3362365B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1772382 A1 20070411; CN 1944190 A 20070411; DE 202006020264 U1 20080320; IT BO20050596 A1 20060105; JP 2007099508 A 20070419; US 2007079576 A1 20070412

DOCDB simple family (application)

EP 06111807 A 20060328; CN 200610068373 A 20060330; DE 202006020264 U 20060328; IT BO20050596 A 20051006; JP 2006095165 A 20060330; US 38603506 A 20060321