

Title (en)
IMPROVED APPARATUS FOR AUTOMATICALLY FILLING CONTAINERS WITH INDIVIDUAL PRODUCTS, IN PARTICULAR VEGETABLES AND THE LIKE

Title (de)
VORRICHTUNG ZUM AUTOMATISCHEN FÜLLEN VON BEHÄLTERN MIT EINZELPRODUKTEN, INSBESONDERE GEMÜSEN UND DERGLEICHEN

Title (fr)
APPAREIL AMELIORE POUR REMPLIR AUTOMATIQUEMENT DES CONTENEURS AVEC DES PRODUITS INDIVIDUELS, EN PARTICULIER, DES LEGUMES ET SIMILAIRES

Publication
EP 1007410 A1 20000614 (EN)

Application
EP 98904038 A 19980107

Priority

- EP 9800046 W 19980107
- IT PN970005 A 19970123

Abstract (en)
[origin: WO9832659A1] Automatic apparatus for filling containers (3) with individual products, comprising at least a sliding conveyor (2) to transfer said products from an initial station to a final station, at the unloading end of which there is provided a hopper (4); means to operate the conveyor with a reciprocating movement parallelly to the product conveying direction thereof; at least an oscillating support structure (5) for a container, said structure being actuatable on the outlet side of said hopper (4) to move from an initial raised position to successive decreasingly angled positions. The conveyor is capable of accomplishing a forward displacement into the container and a backward displacement during which the products are unloaded in successive layers in the container. As each single layer of products is laid down in the container, the conformation of the layer immediately below is identified and the layer thereon is laid down in such a manner as to compensate for the irregularities in the distribution of the layer therebelow.

IPC 1-7
B65B 25/04

IPC 8 full level
B65B 25/04 (2006.01)

CPC (source: EP)
B65B 25/046 (2013.01)

Cited by
WO2014199248A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI NL PT

DOCDB simple family (publication)
WO 9832659 A1 19980730; AT E215467 T1 20020415; DE 69804633 D1 20020508; EP 1007410 A1 20000614; EP 1007410 B1 20020403; ES 2175662 T3 20021116; IT 1294113 B1 19990322; IT PN970005 A1 19980723

DOCDB simple family (application)
EP 9800046 W 19980107; AT 98904038 T 19980107; DE 69804633 T 19980107; EP 98904038 A 19980107; ES 98904038 T 19980107; IT PN970005 A 19970123