

Title (en)

METHOD AND DEVICE FOR DEPOSITING FRUIT OR VEGETABLES ON CURVED ALVEOLATE TRAYS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABSETZEN VON OBST ODER GEMÜSE AUF GEWÖLBTEN WABENFÖRMIGEN ABLAGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉPOSE DE FRUITS OU LÉGUMES SUR DES PLATEAUX ALVÉOLÉS COURBÉS

Publication

EP 3934987 A1 20220112 (FR)

Application

EP 20707285 A 20200305

Priority

- FR 1902290 A 20190306
- EP 2020055891 W 20200305

Abstract (en)

[origin: WO2020178392A1] The invention relates to a method and a device for depositing fruit or vegetables on a plate (11) comprising an upper face (13) having a plurality of recessed cells which are adapted to be able to each receive a single object, wherein two objects placed in two adjacent alveolate cells juxtaposed in a same plane are capable of coming laterally into contact with each other. During any step of depositing of at least one object into at least one receiving cell (14) adjacent to at least one solid cell already containing another object, the upper face (13) of the plate has an upward envelope curvature adapted to avoid any contact between the objects.

IPC 8 full level

B65B 25/04 (2006.01); **B65B 35/18** (2006.01)

CPC (source: EP US)

B65B 5/105 (2013.01 - EP US); **B65B 25/04** (2013.01 - US); **B65B 25/046** (2013.01 - EP US); **B65B 35/18** (2013.01 - EP US); **B65D 85/34** (2013.01 - US); **B65G 2201/0211** (2013.01 - US)

Citation (search report)

See references of WO 2020178392A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020178392 A1 20200910; CA 3128986 A1 20200910; CN 113840778 A 20211224; CN 113840778 B 20230314; EP 3934987 A1 20220112; FR 3093506 A1 20200911; FR 3093506 B1 20210319; IL 286076 A 20211201; US 2022258893 A1 20220818

DOCDB simple family (application)

EP 2020055891 W 20200305; CA 3128986 A 20200305; CN 202080032077 A 20200305; EP 20707285 A 20200305; FR 1902290 A 20190306; IL 28607621 A 20210902; US 202017436540 A 20200305