

Title (en)

METHOD AND DEVICE FOR FORMING AN ASSEMBLY OF PRODUCTS OF DIFFERENT TYPES ON A CONVEYOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER ANORDNUNG VON PRODUKTEN UNTERSCHIEDLICHER TYPEN AUF EINEM FÖRDERBAND

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONSTITUTION D'UN ENSEMBLE DE PRODUITS DE TYPES DIFFÉRENTS SUR UN CONVOYEUR

Publication

EP 3562767 A1 20191106 (FR)

Application

EP 17838054 A 20171222

Priority

- FR 1663415 A 20161227
- FR 2017053842 W 20171222

Abstract (en)

[origin: CA3045590A1] The present invention relates to a method for forming an assembly of products (3) within a conveying line, upstream of a station for packaging the assembly, said assembly containing products (3) of at least two different types, type A and type B, said conveying line comprising a conveyor (2) arranged in the longitudinal direction and configured to move products in parallel rows in the direction of the packaging station, and at least one collection surface (1) which is arranged adjacent to and flush with the conveyor (2). This method comprises the following steps: - forming at least one row of products A on the conveyor (2), - transferring transversely and cyclically batches of products B from the collection surface (1) to the conveyor (2). The present invention further relates to a device which is specially configured to carry out a method according to the invention.

IPC 8 full level

B65G 47/68 (2006.01); **B65B 35/54** (2006.01)

CPC (source: EP US)

B65B 11/00 (2013.01 - EP); **B65B 35/36** (2013.01 - EP US); **B65B 35/405** (2013.01 - EP US); **B65B 35/44** (2013.01 - EP US); **B65B 35/54** (2013.01 - EP US); **B65G 47/681** (2013.01 - EP US); **B65B 2220/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2018122526A1

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)

FR 3061160 A1 20180629; **FR 3061160 B1 20200918**; CA 3045590 A1 20180705; CN 110072787 A 20190730; EP 3562767 A1 20191106; US 2019367199 A1 20191205; WO 2018122526 A1 20180705

DOCDB simple family (application)

FR 1663415 A 20161227; CA 3045590 A 20171222; CN 201780077552 A 20171222; EP 17838054 A 20171222; FR 2017053842 W 20171222; US 201716474045 A 20171222