

Title (en)

A METHOD OF AND SYSTEM FOR PLACING A SERIES OF TRAYS AT A CONSTANT CENTER TO CENTER DISTANCE

Title (de)

VERFAHREN UND SYSTEM ZUR PLAZIERUNG EINER SCHALENREIHE IN KONSTANTEN ABSTÄNDE IHRER MITTELPUNKTE

Title (fr)

PROCÉDÉ ET SYSTÈME POUR POSER LA CENTRE D'UNE SÉRIE DE BARQUETTES Á UNE DISTANCE CONSTANTE

Publication

EP 2665665 B1 20180425 (EN)

Application

EP 11842784 A 20111125

Priority

- SE 1051239 A 20101125
- SE 2011051429 W 20111125

Abstract (en)

[origin: WO2012071009A1] The present invention concerns a method of and a system for placing a series of trays in an end to end or side to side contacting relationship, each of said trays having a body and an upper outwards projecting rim. Further, it also concerns a method of and a system for picking selected items from an in-feed device and delivering them by means of a picker robot to varying selected trays in a plurality of parallel series of movable trays, arranging the trays in an end to end or side to side contacting relationship and each of said trays having a body and an upper outwards projecting rim. One object of the invention is to establish a constant centre to centre distance between the trays by placing the trays such that one of the rims of two adjacent trays is on top of the other rim, and said other rim abuts the body of the tray having the upper rim.

IPC 8 full level

B65B 25/06 (2006.01); **B65B 43/52** (2006.01)

CPC (source: EP)

B65B 25/064 (2013.01); **B65B 43/52** (2013.01); **B65B 2210/02** (2013.01)

Cited by

DE102018214761A1; US11427363B2

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

DOCDB simple family (publication)

WO 2012071009 A1 20120531; DK 2665665 T3 20180702; EP 2665665 A1 20131127; EP 2665665 A4 20150812; EP 2665665 B1 20180425; ES 2675347 T3 20180710

DOCDB simple family (application)

SE 2011051429 W 20111125; DK 11842784 T 20111125; EP 11842784 A 20111125; ES 11842784 T 20111125