

Title (en)  
A METHOD OF AND SYSTEM FOR GRADING

Title (de)  
VERFAHREN UND SYSTEM ZUR EINSTUFUNG

Title (fr)  
PROCÉDÉ ET SYSTÈME DE TRIAGE

Publication  
**EP 2665665 A4 20150812 (EN)**

Application  
**EP 11842784 A 20111125**

Priority  
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• 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.

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CPC (source: EP)  
**B65B 25/064** (2013.01); **B65B 43/52** (2013.01); **B65B 2210/02** (2013.01)

Citation (search report)  
• [I] US 3690438 A 19720912 - GOODMAN JAMES A  
• [XYI] US 4672795 A 19870616 - ALEXANDER JAMES [US], et al  
• [X] US 4117648 A 19781003 - GOODMAN JAMES A  
• [Y] EP 1801044 A1 20070627 - HANDTMANN ALBERT MASCHF [DE]  
• See references of WO 2012071009A1

Cited by  
DE102018214761A1; US11427363B2

Designated contracting state (EPC)  
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**WO 2012071009 A1 20120531**; DK 2665665 T3 20180702; EP 2665665 A1 20131127; EP 2665665 A4 20150812; EP 2665665 B1 20180425; ES 2675347 T3 20180710

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