Title (en)
A METHOD AND APPARATUS FOR PACKING ARTICLES HAVING NON-UNIFORM WEIGHT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR VERPACKUNG VON ARTIKELN MIT UNGLEICHFÖRMIGEM GEWICHT

Title (fr)
PROCEDE ET DISPOSITIF D'EMBALLAGE D'ARTICLES DE POIDS NON UNIFORME

Publication
EP 1730478 A1 20061213 (EN)

Application
EP 05715116 A 20050322

Priority
- DK 2005000195 W 20050322
- DK PA200400516 A 20040331

Abstract (en)
[origin: WO2005095904A1] The invention concerns an apparatus and a method for packing articles (10) having different weights into a plurality of batches at a number of collection positions (4), wherein each completed batch comprises a plurality of articles (10) and has a sum weight within a predetermined weight range. The method includes; providing a serial flow or articles on a conveyor; weighing (1) each article in the flow and recording the weights of the articles; conveying (3) the recorded articles to a batching section (2); allocating the recorded articles to a collection position (4) within a predetermined decision time period; placing an allocated article in the predetermined collection position (4); and emptying a collection position (4) when the predetermined sum weight is obtained; whereby said allocation is performed one the basis of the weight of the recorded articles that are not yet positioned in one of the collection positions, and the content of the predetermined collection position (4). By the present invention, it is realised that the certainty of allocation can be improved by delaying the decision and expanding the number of articles to be decided on from one at a time to a multiple of articles (10) at the time.

IPC 8 full level
G01G 19/387 (2006.01); **B07C 5/18** (2006.01); **G01G 19/30** (2006.01); **G01G 19/38** (2006.01)

CPC (source: EP)
G01G 19/303 (2013.01); **G01G 19/382** (2013.01); **G01G 19/387** (2013.01)

Citation (search report)
See references of WO 2005095904A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005095904 A1 20051013; BR PI0509075 A 20070821; EP 1730478 A1 20061213; NO 20064932 L 20061027

DOCDB simple family (application)
DK 2005000195 W 20050322; BR PI0509075 A 20050322; EP 05715116 A 20050322; NO 20064932 A 20061027