

Title (en)

Method and apparatus for forming and encircling groups of articles.

Title (de)

Verfahren und Vorrichtung zum Formen und Bündeln einer Anzahl von Gegenständen.

Title (fr)

Procédé et dispositif pour la formation et le cerclage de lots d'objets.

Publication

EP 0060786 A1 19820922 (FR)

Application

EP 82400451 A 19820312

Priority

FR 8105025 A 19810313

Abstract (en)

1. Method of forming batches of objects and for banding these batches, in which batches of objects are made up, the objects of which these batches are constituted being drawn tightly against one another, the objects forming one batch being banded in a banding or hooping station and then being withdrawn from the said station, characterised in that the following sequence of operations are performed : - the routing of the objects, separately or partially grouped, towards a collecting and banding area where they are collected together in one layer, the objects being laterally in contact with one another, during this stage the frame of the banding apparatus being in a 'stand-by' position in which it does not interfere with the flow of the objects ; - the positioning of the frame of the banding apparatus in such a way that it completely encircles the batch formed and maintained on the said area, the banding frame in this position representing an obstacle to the flow of additional objects onto the collecting and banding area ; - the banding of the batch of objects and its removal from the collecting and banding area, and - positioning of the banding frame on 'stand-by' for a fresh sequence of operation.

Abstract (fr)

L'invention est relative au cerclage de lots d'objets. Les objets (11) sont acheminés sur une aire d'accumulation où se forme progressivement le lot. Lorsque celui-ci est complet le cadre (2) d'un dispositif de cerclage est mis en position de façon à entourer le lot d'objets. Le cerclage est effectué. Le lot d'objets est retiré de l'aire d'accumulation au moyen d'un organe de préhension (21, 22, 23). Le cadre est mis dans une position permettant l'entrée des objets sur l'aire d'accumulation. L'invention est utile notamment pour la formation de lot de bouteilles ou d'objets analogues.

IPC 1-7

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IPC 8 full level

B65B 21/04 (2006.01); **B65B 27/04** (2006.01)

CPC (source: EP)

B65B 21/04 (2013.01); **B65B 27/04** (2013.01)

Citation (search report)

- FR 1485252 A 19670616 - AMBERGER FLASCHENHUETTEN A G
- GB 805591 A 19581210 - CLARKE BUILT LTD

Cited by

EP0354083A1; FR2635079A1

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