

Title (en)

Method and apparatus for transferring of unit products into containers

Title (de)

Verfahren und Vorrichtung zur Umsetzung von stückgutartigen Produkten in Behälter

Title (fr)

Méthode et dispositif pour le transfert de produits unitaires dans des conteneurs

Publication

EP 1359099 A3 20031119 (DE)

Application

EP 03405239 A 20030409

Priority

CH 6522002 A 20020418

Abstract (en)

[origin: EP1359099A2] The workpieces (P) are placed in two magazines (1,1') in an end-to-end alignment and they are fed onto first and second conveyers (2,2') where they are collected in groups (G). The workpieces in the groups stand side-by-side. Turning devices (4) may rotate the groups through 90 degrees. They move to first and second storage members (3,3') and a picker (5) moves them into packing boxes (B).

IPC 1-7

B65G 47/00; **B65B 35/54**; **B65B 35/40**; **B65B 5/10**

IPC 8 full level

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CPC (source: EP)

B65B 5/105 (2013.01); **B65B 35/40** (2013.01); **B65B 35/54** (2013.01)

Citation (search report)

- [A] FR 2692869 A1 19931231 - CAZAS ETS [FR]
- [A] DE 1109595 B 19610622 - CYKLUS AG

Cited by

US2016200464A1; DE102007045883A1; DE102009028441A1; CN102481986A; EP2634099A1; US10196160B2; CN108383068A; EP1577216A1; US8672117B2; US8718816B2; WO2010118239A1

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