

Title (en)  
Modular packing assembly

Title (de)  
Modulares Verpackungssystem

Title (fr)  
Système d'emballage modulaire

Publication  
**EP 1645513 A3 20060419 (EN)**

Application  
**EP 04255730 A 20040921**

Priority  
EP 04255730 A 20040921

Abstract (en)  
[origin: EP1645513A2] A cigarette packing system comprises a plurality of reconfigurable modules (100). Each module includes tooling for performing a section of the packaging process. Product is transferred between modules by robots (110) mounted on the modules and controlled from individual modules. Interface protocols between modules control transfers between modules. The product may be transferred with or without a carrier between modules. The modules may be reconfigured for a different assembly process and modules added or removed. Process specific tooling may be changed. Reconfigurable modules reduces the time and cost of changing to a different packaging process.

IPC 8 full level  
**B65B 59/04** (2006.01); **B65B 19/22** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP KR)  
**B65B 19/22** (2013.01 - KR); **B65B 19/223** (2013.01 - EP); **B65B 59/04** (2013.01 - EP KR); **B65B 65/00** (2013.01 - KR);  
**B65B 65/003** (2013.01 - EP)

Citation (search report)

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- [A] US 5913795 A 19990622 - SCHUBERT GERHARD [DE]
- [A] EP 1195323 A1 20020410 - GD SPA [IT]

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 04255730 A 20040921**; AT 05784364 T 20050921; BR PI0515539 A 20050921; CN 200580031651 A 20050921; DE 602005009218 T 20050921; EA 200700704 A 20050921; EP 05784364 A 20050921; ES 05784364 T 20050921; GB 2005003629 W 20050921; KR 20077006488 A 20050921; PL 05784364 T 20050921