

Title (en)

A method for batch handling and transfer of tobacco products

Title (de)

Verfahren zum Handhaben und Überführen abgeteilter Mengen von Tabakprodukten

Title (fr)

Procédé pour la manipulation et le transfert par lots de produits du tabac

Publication

EP 1741351 A1 20070110 (EN)

Application

EP 06116470 A 20060630

Priority

IT BO20050449 A 20050704

Abstract (en)

In a manufacturing system utilizing a cigarette maker (4) linked to a packer (5), cigarettes (2) temporarily surplus to requirements are stored in containers (3), each provided with an opening (11) by way of which it can be filled and emptied. An empty container (3) is picked up from a first magazine (27) stocked with a supply of the empty containers, filled with cigarettes (2) at a loading hopper (14), and placed in a second magazine (31) lying alongside the first magazine (27) and holding full containers (3); the transfer movement from the hopper (14) to the second magazine (31) is brought about along a circular path centred on a vertical axis (37) between the magazines, utilizing a rotary mechanism (35) equipped with plates (40, 43) on which the single containers (3) are taken up, filled and carried through the circular trajectory.

IPC 8 full level

A24C 5/352 (2006.01); **B65B 19/04** (2006.01)

CPC (source: EP US)

A24C 5/352 (2013.01 - EP US); **A24C 5/356** (2013.01 - EP US)

Citation (applicant)

US 5123798 A 19920623 - GLOESMANN JOSEF [DE], et al

Citation (search report)

- [X] US 5123798 A 19920623 - GLOESMANN JOSEF [DE], et al
- [X] US 5106254 A 19920421 - TOLASCH GERHARD [DE], et al
- [A] US 4892453 A 19900109 - BANTIEN JUERGEN [DE], et al
- [A] US 4507040 A 19850326 - BAESE HORST [DE], et al
- [A] DE 3248454 A1 19830721 - HAUNI WERKE KOERBER & CO KG [DE]
- [A] US 6540061 B1 20030401 - FOCKE HEINZ [DE], et al

Cited by

EP3269262A1; CN108423251A; EP2108271A1; EP3135128A3; EP3391759A1; US10779563B2

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DOCDB simple family (application)

EP 06116470 A 20060630; CN 200610100362 A 20060630; DE 602006008225 T 20060630; IT BO20050449 A 20050704; JP 2006183323 A 20060703; US 47860906 A 20060703