

Title (en)

Carousel filling machine comprising a pneumatic apparatus

Title (de)

Drehtischfüllmaschine mit einer pneumatischen Vorrichtung

Title (fr)

Machine remplisseuse à carrousel avec un dispositif pneumatique

Publication

**EP 1471032 A1 20041027 (EN)**

Application

**EP 04009378 A 20040421**

Priority

IT BO20030048 U 20030424

Abstract (en)

A cylinder-and-piston unit (G) is placed laterally to the slide (11), to push the slide with gripper (14) for raising the bottles (B). A feeding circuit (28) is connected to the source for delivery of air at correct values of pressure, to allow quick removal and installation of cylinder and piston unit during every phase of maintenance of filling heads.

IPC 1-7

**B67C 3/24**

IPC 8 full level

**B67C 3/24** (2006.01)

CPC (source: EP)

**B67C 3/242** (2013.01); **B67C 3/244** (2013.01); **B67C 3/246** (2013.01)

Citation (search report)

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- [X] US 4616684 A 19861014 - TINCATI FRANCO [IT]
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DOCDB simple family (publication)

**EP 1471032 A1 20041027; EP 1471032 B1 20060809**; AT E335704 T1 20060915; DE 602004001801 D1 20060921; IT BO20030048 U1 20041025; IT BO20030048 V0 20030424

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