

Title (en)

MACHINE FOR AUTOMATICALLY EJECTING, REVERSING AND POSITIONING HYGIENIC CAPS INSIDE COFFEE CUPS OR OTHER CONTAINERS, AND ITS MECHANISM

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUSGEBEN, UMDREHEN UND EINSETZEN VON HYGIENISCHEN EINLAGEN IN KAFFEETASSEN ODER ANDEREN BEHÄLTERN

Title (fr)

MACHINE PERMETTANT DE PLACER DES COUVERTURES HYGIENIQUES DANS DES TASSES A CAFE OU D'AUTRES RECIPIENTS, DE LES EJECTER AINSI QUE DE LES INVERSER ET MECANISME CORRESPONDANT

Publication

**EP 0918624 A1 19990602 (EN)**

Application

**EP 97932018 A 19970717**

Priority

- IT 9700174 W 19970717
- IT BA960037 A 19960719

Abstract (en)

[origin: WO9803329A1] The invention consists of a machine and a mechanism for ejecting, reversing and positioning a hygienic cap (18), made of plastic or similar material, inside a coffee cup (19) or similar container with a hole (20) in the bottom, so that the cap lines the cup and its rim, adhering perfectly, and prevents direct contact of the liquid contained and the user's lips with the cup. The machine and the mechanism offer the advantage of a completely automatic lining of the cup: indeed, once the cup (19) to be lined is positioned on its base (14), a mechanism is activated, which ejects the cap and inserts it perfectly into the cup; once this operation is completed, the machine stops, the mechanism is interrupted and is started again as soon as the lined cup is removed and replaced with a new cup.

IPC 1-7

**B31B 7/00**

IPC 8 full level

**B31B 7/00** (2006.01)

CPC (source: EP US)

**B31B 50/00** (2017.08 - EP); **B31B 50/84** (2017.08 - EP US); **B31B 2105/00** (2017.08 - EP); **B31B 2120/404** (2017.08 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9803329 A1 19980129**; AU 3558397 A 19980210; AU 726121 B2 20001102; EP 0918624 A1 19990602; IT 1287027 B1 19980730; IT BA960037 A0 19960719; IT BA960037 A1 19980119

DOCDB simple family (application)

**IT 9700174 W 19970717**; AU 3558397 A 19970717; EP 97932018 A 19970717; IT BA960037 A 19960719