Title (en)

Method and apparatus for applying sealing capsules to bottle necks provided with a retaining cage of metal wire.

Title (de)

Verfahren und Vorrichtung zum Versiegeln von Kapseln auf Flaschenhälsen mit einem Haltekäfig aus Metalldraht.

Title (fr)

Procédé et appareil d'application de capsules d'étanchéité pour goulots de bouteilles dotées d'une cage de retenue de fil métallique.

Publication

EP 2733112 A1 20140521 (EN)

Application

EP 13004684 A 20130926

Priority

IT TO20120999 A 20121116

Abstract (en)

The bottles are fed to a capsule dispenser (16) which is adapted to place a capsule (20) having a slot (22) on its lateral wall upon each of the bottle necks (N). The capsuled bottles are fed to a carousel (28) provided with a plurality of peripheral stations (30), each of which is adapted to receive a respective bottle (B) and to perform the following operations upon it: raising the capsule (20) from the neck (N) by a pick-up device (38); opening outwards the tab (L) of the cage (C), at least partially, by an opening device; aligning the tab (L) to the slot (22) by axially rotating at least one of the bottle (B) and the capsule (20); re-laying the capsule (20) on the bottle neck. The tab (L) will insert into the slot (22) and protrude outside the capsule.

IPC 8 full level

B67B 5/03 (2006.01)

CPC (source: EP)

B67B 5/03 (2013.01); B67B 2201/017 (2013.01)

Citation (search report)

- [A] FR 2005132 A1 19691205 - NACKENHEIM VER KAPSELFAB
- [A] EP 1041033 A2 20001004 - ROBINO & GALANDRINO SPA [IT]
- [A] EP 1197468 A1 20020417 - ROBINO & GALANDRINO SPA [IT]
- [A] FR 2482575 A1 19811120 - DEKOMAT SARL [FR]
- [A] EP 0012659 A1 19800625 - DESOM ALBERT

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CN112509824A; EP3699107A1; IT201900002655A1; ITUB20154147A1; CN108002320A; CN108016640A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2733112 A1 20140521; **EP 2733112 B1 20160302**; ES 2569197 T3 20160509; IT TO20120999 A1 20140517

DOCDB simple family (application)

EP 13004684 A 20130926; ES 13004684 T 20130926; IT TO20120999 A 20121116