

Title (en)

Method and apparatus for centering and orientating decorative covers for bottle necks

Title (de)

Verfahren und Vorrichtung zum Zentrieren und Ausrichten von dekorativen Siegelhülsen für Flaschenhalse

Title (fr)

Dispositif et méthode pour centrer et orienter des surbouchons décoratifs pour des goulots de bouteilles

Publication

EP 1041033 A3 20010131 (EN)

Application

EP 00105967 A 20000324

Priority

IT TO990250 A 19990331

Abstract (en)

[origin: EP1041033A2] A method and an apparatus by means of which a capsule (11) fitted onto a bottle (12-120) is rendered coaxial to the bottle (12-120) by means of a drop-down head (20-220) provided with a rigid centering sleeve (21-210) and with a pneumatic tightening sleeve (23-230), which is suitable to produce a preliminary partial coupling of the capsule (11) to the cork (T) of the bottle, after the capsule has been centered with respect to the bottle by the first sleeve. The partial and preliminary coupling of the capsule is achieved by compressing the end of the capsule onto the cork (T) of the bottle by means of the pneumatic tightening sleeve (23-230), into which compressed air is fed temporarily. <IMAGE>

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B67B 5/03; **B65C 3/22**; **B65C 9/06**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XY] US 3039250 A 19620619 - ALEXANDER PANCRAZI
- [Y] FR 1558975 A 19690307
- [A] DE 8426966 U1 19880728
- [A] FR 1474383 A 19670324 - OTTO SICK METALLWARENFABRIK FA
- [A] FR 2376030 A1 19780728 - SICK INT OTTO [FR]
- [A] DE 3408834 A1 19841220 - JAGENBERG AG [DE]

Cited by

EP1205388A1; CN103723323A; DE102006043106A1; CN108002320A; EP1197468A1; CN108016640A; EP3699107A1; IT201900002655A1; ITTO20120999A1; EP2733112A1; AU2015352059B2; WO2016083920A3; WO2013178793A1; EP3209571B1

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