

Title (en)
CAPPING DEVICE

Title (de)
ABDECKVORRICHTUNG

Title (fr)
DISPOSITIF D'ENCAPSULAGE

Publication
EP 3907173 A1 20211110 (EN)

Application
EP 21170557 A 20210426

Priority
JP 2020082861 A 20200508

Abstract (en)
A content contaminating an inner side of a cap and an outer side of a neck portion of a container caused by spill of the content during conveyance is enabled to be removed as much as possible. The present invention relates to a capping device 6 comprising: a second rotary member R2 (conveying means) that conveys a container 2 filled with a liquid content; and a capping head 11 that moves in synchronization with the container 2 being conveyed by the second rotary member R2 while holding a cap 5 above the container 2. A cap cleaning nozzle 31 that sprays a cleaning liquid onto an inner side of the cap 5 held by the capping head 11 is provided on a moving trajectory of the container 2 conveyed by the second rotary member R2, on an upstream side of an attachment position of the cap 5 by the capping head 11. The cap cleaning nozzle 31 sprays the cleaning liquid onto the inner side of the cap 5, and subsequently the capping head 11 attaches the cap 5 to the container 2.

IPC 8 full level
B67B 3/00 (2006.01)

CPC (source: EP)
B67B 3/003 (2013.01)

Citation (applicant)
JP 2004131132 A 20040430 - SHIBUYA KOGYO CO LTD

Citation (search report)

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- [XY] DE 2432276 A1 19760122 - ENZINGER UNION WERKE AG
- [Y] JP 2018172134 A 20181108 - SHIBUYA KOGYO CO LTD
- [AP] EP 3670429 A1 20200624 - KRONES AG [DE]

Designated contracting state (EPC)
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