

Title (en)
CAPPING DEVICE AND CAPPING METHOD

Title (de)
VERSCHLUSSVORRICHTUNG UND VERSCHLUSSVERFAHREN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE CAPSULAGE

Publication
EP 4074649 A1 20221019 (EN)

Application
EP 21167767 A 20210412

Priority
EP 21167767 A 20210412

Abstract (en)
There is described a capping device (6, 6') configured to apply caps (3) onto containers (2) containing a pourable product and comprising: a support member (7) for supporting one container (2) to be capped at a time; a sleeve (14) having a longitudinal axis (A), a first axial opening (15) facing the support member (7) and a second axial opening (16); and a capping head (8) extending along the longitudinal axis (A) and slidably engaging the second axial opening (16) of the sleeve (14) thereby closing it; the capping head (8) has a capping portion (12) for receiving and retaining one cap (3) at a time and arranged within the sleeve (14) and being axially movable through the sleeve (14) for applying the cap (3) to the respective container (2); wherein the sleeve (14) is axially movable towards and away from the support member (7) and between: a first position, in which the first axial opening (15) is open and axially spaced from the support member (7); and a second position, in which the sleeve (14) is configured to cooperate in contact with the support member (7) or with the container (2) for closing the first axial opening (15) and thereby delimiting a pressurization chamber (17) configured to be pressurized for pressurizing an inner environment of said container (2) supported, in use, by the support member (7).

IPC 8 full level
B67B 3/00 (2006.01); **B67B 3/20** (2006.01)

CPC (source: EP)
B67B 3/00 (2013.01); **B67B 3/2066** (2013.01)

Citation (search report)
• [XAI] US 2011131933 A1 20110609 - LIVINGSTON DARREN D [US]
• [X] US 10836622 B2 20201117 - MEINZINGER RUPERT [DE]
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Cited by
KR102619386B1; CN117185223A

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

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BA ME

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