

Title (en)
CAPPING DEVICE FOR A CONTAINER'S NECK

Title (de)
VERSCHLIESSVORRICHTUNG FÜR DEN HALS EINES BEHÄLTERS

Title (fr)
DISPOSITIF DE BOUCHAGE DU COL D'UN RÉCIPIENT

Publication
EP 4095063 B1 20240110 (EN)

Application
EP 21706014 A 20210125

Priority
• ES 202030055 A 20200124
• ES 2021070050 W 20210125

Abstract (en)
[origin: ES2845226A1] Capping device intended to be attached to the neck of a container The invention relates to a capping device intended to be fixed to a neck (2) of a container that includes a hooking collar (4), the capping device including: - a plug (1) having a helical thread (7) intended to cooperate with a helical thread (6) formed in the neck (2); - a lower ring (9) axially sanded to the neck (2); - an articulation device (10) that joins the cap (1) with a second sector (17) of the lower ring (9), the articulation device extends over a first angular interval that is cut into two equal parts by a plane bisector Pb; the helical thread (7) developing around the axis X according to a first direction and having a lower end and an upper end, the lower end of the helical thread (7) being arranged in a second angular interval that is defined between the bisector plane Pb and a radial plane positioned at 160° from the bisector plane Pb according to a second direction opposite to the first direction. (Machine-translation by Google Translate, not legally binding)

IPC 8 full level
B65D 41/34 (2006.01); **B65D 55/16** (2006.01)

CPC (source: EP ES)
B65D 41/3447 (2013.01 - EP); **B65D 41/385** (2013.01 - ES); **B65D 55/16** (2013.01 - EP); **B65D 2251/1008** (2013.01 - EP);
B65D 2401/30 (2020.05 - EP)

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 validation state (EPC)
MA TN

DOCDB simple family (publication)
FR 3106584 A1 20210730; FR 3106584 B1 20230714; AR 121110 A1 20220420; BR 112022014594 A2 20221206; CN 115605404 A 20230113; EP 4095063 A1 20221130; EP 4095063 B1 20240110; ES 2845226 A1 20210726; ES 2845226 B2 20220125; JP 2023516549 A 20230420; PT 4095063 T 20240328; UY 39034 A 20210326; WO 2021148706 A1 20210729

DOCDB simple family (application)
FR 2100618 A 20210122; AR P210100155 A 20210122; BR 112022014594 A 20210125; CN 202180023739 A 20210125; EP 21706014 A 20210125; ES 202030055 A 20200124; ES 2021070050 W 20210125; JP 2022545143 A 20210125; PT 21706014 T 20210125; UY 39034 A 20210122