

Title (en)
UNLOSEABLE CAP

Title (de)
NICHT-SCHLAUCHBARE KAPPE

Title (fr)
BOUCHON IMPERDABLE

Publication
EP 4289761 A1 20231213 (EN)

Application
EP 21718623 A 20210204

Priority
ES 2021070085 W 20210204

Abstract (en)
A captive cap for a screw-neck container, with a cap shell (1), a ring (2) for the retaining thereof to the container, two articulable arms (3A, 3B) which at their forward extremities (31A, 31B) are linked to the cap shell (1) and at their rearward extremities (32A, 32B) are linked to the ring (2), an upper frangible line (10) extending circumferentially between 210° and 340° and defining a frontal separation (31) between the forward extremities (31A, 31B) of between 150° and 20°, a lower frangible line (20) extending circumferentially between 180° and 330°, where the lower frangible line (20) comprises a recess (21) located at said frontal separation (31) and projecting toward the cap shell (1).

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

CPC (source: EP US)
B65D 41/34 (2013.01 - EP US); **B65D 55/16** (2013.01 - EP US); **B65D 2251/1008** (2013.01 - EP); **B65D 2401/15** (2020.05 - US); **B65D 2401/30** (2020.05 - EP)

Citation (search report)
See references of WO 2022167705A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
US 2024124203 A1 20240418; CO 2023010834 A2 20230918; EP 4289761 A1 20231213; PE 20231398 A1 20230912; WO 2022167705 A1 20220811

DOCDB simple family (application)
US 202118275493 A 20210204; CO 2023010834 A 20230818; EP 21718623 A 20210204; ES 2021070085 W 20210204; PE 2023002271 A 20210204