

Title (en)

CLOSURE DEVICE FOR A NECK OF A CONTAINER

Title (de)

VERSCHLUSSVORRICHTUNG FÜR EINEN HALS EINES BEHÄLTERS

Title (fr)

DISPOSITIF DE BOUCHAGE POUR LE COL D'UN RÉCIPIENT

Publication

**EP 4095061 B1 20230705 (FR)**

Application

**EP 21382473 A 20210524**

Priority

EP 21382473 A 20210524

Abstract (en)

[origin: WO2022248491A1] The invention relates to a stoppering device intended to be fixed to the neck (2) of a container, the stoppering device having: - a lower ring (9), - a cap (1); - a hinge device connecting the cap (1) and the lower ring (9), - an immobilizing device configured to immobilize the cap (1) when it is in a flipped-open position, the immobilizing device having: • a stop (23) which protrudes radially outwards; and • a protruding portion (24) which protrudes axially from the lower ring (9); • the stop (23) and the protruding portion (24) being configured such that, when the cap (1) is in the flipped-open position, the stop (23) bears against the protruding portion (24), the protruding portion (24) having a radial thickness  $\epsilon_1$  greater than a radial thickness  $\epsilon_2$  of a first sector (16) of the lower ring (9) away from the catching zones (20, 21).

IPC 8 full level

**B65D 41/34** (2006.01); **B65D 55/16** (2006.01)

CPC (source: EP US)

**B65D 41/3447** (2013.01 - EP); **B65D 55/16** (2013.01 - EP US); **B65D 2251/023** (2013.01 - EP); **B65D 2251/1008** (2013.01 - EP US); **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)

**EP 4095061 A1 20221130**; **EP 4095061 B1 20230705**; AR 125959 A1 20230830; BR 112023024529 A2 20240206; DK 4095061 T3 20231009; ES 2960325 T3 20240304; PT 4095061 T 20231004; US 2023278765 A1 20230907; UY 39787 A 20230131; WO 2022248491 A1 20221201

DOCDB simple family (application)

**EP 21382473 A 20210524**; AR P220101371 A 20220523; BR 112023024529 A 20220524; DK 21382473 T 20210524; EP 2022064089 W 20220524; ES 21382473 T 20210524; PT 21382473 T 20210524; US 202217752269 A 20220524; UY 39787 A 20220524