

Title (en)

ATTACHMENT SYSTEM FOR MOUNTING A DISPENSING PUMP TO A BOTTLE AND ASSOCIATED FLUID PRODUCT BOTTLE

Title (de)

BEFESTIGUNGSSYSTEM FÜR DIE MONTAGE EINER ABGABEPUMPE AUF EINEM FLAKON, UND ENTSPRECHENDER FLAKON EINES FLÜSSIGEN PRODUKTS

Title (fr)

SYSTÈME DE FIXATION POUR LE MONTAGE D'UNE POMPE DE DISTRIBUTION SUR UN FLACON ET FLACON DE PRODUIT FLUIDE ASSOCIE

Publication

EP 3670000 B1 20220427 (FR)

Application

EP 19214620 A 20191209

Priority

FR 1873690 A 20181220

Abstract (en)

[origin: US2020197964A1] The invention relates to a system for attaching a dispensing pump on the neck of a reservoir containing a fluid product. The system a sleeve with attachment means on the neck and hooking means of the pump, an articulation collar, the articulation collar and sleeve being mounted mobile with respect to one another between an end of motion position (PF) and a start of motion position (PI), a shrink ring configured to move along the articulation collar between a top disassembly position (PH), wherein the attachment means are free, and a bottom position (PB) of use, wherein the attachment means are engaged around the neck and wherein the start and end of motion positions (PI, PF) are arranged so that the articulation collar can go from the top disassembly position (PH) to the bottom position (PB) of use by a translational motion.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: CN EP US)

B05B 11/0008 (2013.01 - US); **B05B 11/10** (2023.01 - CN); **B05B 11/1045** (2023.01 - CN); **B05B 11/1049** (2023.01 - EP US)

Cited by

FR3104143A1

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

DOCDB simple family (publication)

EP 3670000 A1 20200624; **EP 3670000 B1 20220427**; CN 111348323 A 20200630; FR 3090596 A1 20200626; FR 3090596 B1 20210108; US 11185876 B2 20211130; US 2020197964 A1 20200625

DOCDB simple family (application)

EP 19214620 A 20191209; CN 201911303781 A 20191217; FR 1873690 A 20181220; US 201916724149 A 20191220