

Title (en)
PACKAGING DEVICE, ASSEMBLY COMPRISING SUCH A DEVICE AND A CONTAINER, USE THEREOF AND A METHOD FOR FILLING OR WITHDRAWING

Title (de)
VERPACKUNGSVORRICHTUNG, ANORDNUNG MIT EINER SOLCHEN VORRICHTUNG UND EINEM BEHÄLTER, DEREN VERWENDUNG UND VERFAHREN ZUM FÜLLEN ODER ENTNEHMEN

Title (fr)
DISPOSITIF DE CONDITIONNEMENT, ENSEMBLE COMPRENANT UN TEL DISPOSITIF ET UN RÉCIPIENT, SON UTILISATION ET UN PROCÉDÉ DE REMPLISSAGE OU DE SOUTIRAGE

Publication
EP 4034803 B1 20231122 (FR)

Application
EP 20768577 A 20200908

Priority
• FR 1910559 A 20190925
• EP 2020075050 W 20200908

Abstract (en)
[origin: CA3151506A1] Disclosed is a packaging device designed to interact with a filling and/or withdrawal connector of a valve, the packaging device comprising a body (5) bearing an attachment member (2) disposed about a longitudinal axis (A), the central space located between the at least one attachment member (2) and the longitudinal axis (A) forming a recess intended to receive a filling connector (1), the at least one attachment member (2) being moveable between a spaced-apart position and a close position, the packaging device comprising a locking member (3) moveable relative to the body (5) and relative to the attachment member or members (2) between a first active position immobilising the at least one attachment member (2) in the close position and a second, inactive position allowing the movement of the at least one attachment member (2) towards the spaced-apart position, the packaging device comprising a push valve (11) that can move in a gas transfer conduit (7) along the longitudinal axis (A), the packaging device further comprising an immobilising member (4) which can move in a direction parallel to the longitudinal axis (A), the immobilising member (4) being pushed by default towards its working position by a return member (6, 66), the immobilising member (4) comprising an upstream face (14) intended to come into contact with a terminal end of a filling connector (1), the immobilising member (4) being movable from its working position to its rest position during a pushing force of the filling connector (1) on its upstream face when a filling connector (1) penetrates into the central space of the packaging device, the upstream face of the immobilising member (4) comprising a sealing gasket (24) disposed around the longitudinal axis (A).

IPC 8 full level
F17C 13/04 (2006.01)

CPC (source: EP US)
F17C 5/00 (2013.01 - US); **F17C 13/04** (2013.01 - EP US); **F17C 2201/032** (2013.01 - EP); **F17C 2201/056** (2013.01 - EP); **F17C 2201/058** (2013.01 - EP); **F17C 2205/0326** (2013.01 - EP US); **F17C 2205/0329** (2013.01 - EP US); **F17C 2205/037** (2013.01 - US); **F17C 2205/0385** (2013.01 - EP US); **F17C 2223/0123** (2013.01 - EP US); **F17C 2223/036** (2013.01 - 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

DOCDB simple family (publication)
FR 3101125 A1 20210326; FR 3101125 B1 20211231; AR 120090 A1 20220202; AU 2020355443 A1 20220414; CA 3151506 A1 20210401; EP 4034803 A1 20220803; EP 4034803 B1 20231122; EP 4034803 C0 20231122; ES 2969365 T3 20240517; PL 4034803 T3 20240415; US 12117127 B2 20241015; US 2022373139 A1 20221124; WO 2021058276 A1 20210401

DOCDB simple family (application)
FR 1910559 A 20190925; AR P200102668 A 20200925; AU 2020355443 A 20200908; CA 3151506 A 20200908; EP 2020075050 W 20200908; EP 20768577 A 20200908; ES 20768577 T 20200908; PL 20768577 T 20200908; US 202017763830 A 20200908