

Title (en)

VESSEL AND METHOD FOR CONTAINING/TRANSPORTING A FLUENT SUBSTANCE

Title (de)

BEHÄLTNIS UND VERFAHREN ZUR AUFBEWARUNG / ZUM TRANSPORT EINER FLÜSSIGEN SUBSTANZ

Title (fr)

APPAREIL ET PROCEDE POUR CONTENIR/TRANSPORTER UNE SUBSTANCE FLUIDE

Publication

EP 1101080 B1 20080514 (EN)

Application

EP 99935995 A 19990730

Priority

- US 9917280 W 19990730
- US 9483098 P 19980731
- US 9483198 P 19980731
- US 9489698 P 19980731

Abstract (en)

[origin: WO0006976A1] An apparatus, having a flexible-walled vessel (20) compatible with a fluent substance not for direct consumption by mammals, for transporting the fluent substance and dispensing during research, testing, and other related processes. The process is separate from a filling-site where the vessel is filled. The vessel, as oriented by a support framework (40), has an upper-end (27) and a lower-portion (29) with at least one port (36) through which the fluent substance is dispensed, and an outwardly-facing indicia (31). This port is in communication with a primary flow channel (24B) and a valve (24A) for controlling the dispensing of a preselected amount of the substance as needed during the process. A second flow channel (52B), in communication with a second port (52A) of the vessel's lower-end, may be added for filling the vessel at the filling-site. Also, an associated method of transporting a fluent substance for dispensing during a production/test process that uses a flexible-walled vessel is set forth.

IPC 8 full level

G01F 11/00 (2006.01); **B65D 75/48** (2006.01); **B65D 75/58** (2006.01); **B67D 3/00** (2006.01); **B67D 7/08** (2010.01); **B67D 7/22** (2010.01); **B67D 7/36** (2010.01); **B67D 7/84** (2010.01); **A61J 1/00** (2006.01); **A61J 1/14** (2006.01)

CPC (source: EP)

B65D 75/48 (2013.01); **B65D 75/58** (2013.01); **B65D 75/5883** (2013.01); **B67D 3/0019** (2013.01); **A61J 1/14** (2013.01); **A61J 2205/10** (2013.01); **A61J 2205/30** (2013.01); **B65D 2203/06** (2013.01)

Cited by

US11125729B2; US11419791B2; WO2019126130A1

Designated contracting state (EPC)

GB IE

DOCDB simple family (publication)

WO 0006976 A1 20000210; AU 5135599 A 20000221; CA 2336692 A1 20000210; CA 2336692 C 20080603; EP 1101080 A1 20010523; EP 1101080 A4 20030813; EP 1101080 B1 20080514

DOCDB simple family (application)

US 9917280 W 19990730; AU 5135599 A 19990730; CA 2336692 A 19990730; EP 99935995 A 19990730