

Title (en)

Device for storing and metering a solution

Title (de)

Vorrichtung zum Lagern und Dosieren eines Lösungsmittels

Title (fr)

Dispositif de stockage et de dosage d'un solvant

Publication

EP 2371343 A2 20111005 (DE)

Application

EP 11158175 A 20110315

Priority

- EP 10003658 A 20100401
- EP 11158175 A 20110315

Abstract (en)

The device (100) has a container (104) comprising an inner area filled with a fixed amount of solvent, and a mounting device (103) for mounting the container at a laboratory vessel (101) that has an inner area, where the solvent is dosed into the inner area of the vessel from the container. An opening unit (107) opens the container, such that a continuous connection for the solvent is established from the inner area of the container to the inner area of the vessel. Another opening unit opens a locking device of the vessel, where the mounting device has an elastic stopper (111).

Abstract (de)

Die vorliegende Erfindung betrifft eine Vorrichtung (100,200,300,500,600,700,800) zum Lagern und/oder Dosieren eines Lösungsmittels zum Lösen einer Substanz, die in flüssiger Form eingesetzt werden soll. Die Vorrichtung umfasst einen Behälter (104,204,304,504,604,704,804), eine Anbringeinrichtung (103,203,303,503,603,703,803) zum Anbringen des Behälters auf ein Gefäß (101,201,301,501,601,701,801), bevorzugt ein Reagenzgefäß aus dem Laborbereich, sowie ein Mittel (107,207,307,507,807) zum Öffnen des Behälters.

IPC 8 full level

A61J 1/20 (2006.01)

CPC (source: EP US)

A61J 1/2089 (2013.01 - EP US); **A61J 1/1406** (2013.01 - EP US); **A61J 1/201** (2015.05 - EP US); **A61J 1/2013** (2015.05 - EP US); **B65D 23/04** (2013.01 - US); **B65D 81/3205** (2013.01 - US)

Citation (applicant)

- DE 10011502 A1 20010920 - LANGE GMBH DR BRUNO [DE]
- WO 02102295 A2 20021227 - ELAN PHARMA INT LTD [IE], et al
- WO 2007020239 A1 20070222 - BOEHRINGER INGELHEIM INT [DE], et al

Cited by

US11634257B2; US11604026B2; US11609042B2; US11609043B2; US11740019B2; US11747082B2; US11815311B2; US11994343B2

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

DOCDB simple family (publication)

EP 2371342 A1 20111005; EP 2371343 A2 20111005; EP 2371343 A3 201111207; EP 2371343 B1 20151202; JP 2011212442 A 20111027; JP 5924868 B2 20160525; US 2011240172 A1 20111006; US 8839826 B2 20140923

DOCDB simple family (application)

EP 10003658 A 20100401; EP 11158175 A 20110315; JP 2011070562 A 20110328; US 201113073303 A 20110328