

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 A3 20111207 (DE)

Application

EP 11158175 A 20110315

Priority

- EP 10003658 A 20100401
- EP 11158175 A 20110315

Abstract (en)

[origin: EP2371342A1] The device (100) has a container (104) with an interior space filled with a fixed amount of solvent (105). A mounting device (103) mounts the container on a vessel (101), which has another interior space into which the solvent from the container is dosed. An opening unit (107) opens the container, so that continuous connection for the solvent is produced from the former interior space of the container to the latter interior space of the vessel. The container contains the fixed amount of the solvent and a gas bubble, and the mounting mechanism is made of an elastic stopper with an opening. An independent claim is also included for a kit for a diagnostic test method.

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 (search report)

- [X] WO 9815314 A1 19980416 - ETEX CORP [US]
- [X] US 3490437 A 19700120 - BAKONDY THOMAS T, et al
- [X] US 4031895 A 19770628 - PORTER ROBERT E
- [X] US 2006184103 A1 20060817 - PAPROSKI JOHN [US], 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 20111207; 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