Title (en)

INTRAVASCULAR LINE AND PORT CLEANING METHODS, METHODS OF ADMINISTERING AN AGENT INTRAVASCULARLY, METHODS OF OBTAINING/TESTING BLOOD, AND DEVICES FOR PERFORMING SUCH METHODS

Title (de)

REINIGUNGSVERFAHREN FÜR INTRAVASKULÄRE LEITUNGEN UND ANSCHLÜSSE, VERFAHREN ZUR INTRAVASKULÄREN VERABREICHUNG EINES WIRKSTOFFS, VERFAHREN FÜR BLUTENTNAHMEN/-TESTS SOWIE VORRICHTUNGEN ZUR DURCHFÜHRUNG DIESER VERFAHREN

Title (fr)

LIGNE INTRAVASCULAIRE ET PROCÉDÉS DE NETTOYAGE D'ORIFICES, PROCÉDÉS D'ADMINISTRATION INTRAVASCULAIRE D'AGENTS, PROCÉDÉS D'OBTENTION/DE TEST DE SANG, ET DISPOSITIF POUR LA MISE EN OEUVRE DE TELS PROCÉDÉS

Publication

EP 2819725 A1 20150107 (EN)

Application

EP 13755538 A 20130228

Priority

- US 201261605095 P 20120229
- US 2013028437 W 20130228

Abstract (en)

[origin: WO2013130891A1] A syringe assembly is provided comprising a syringe cylinder extending from an opening configured to receive a plunger to an end configured to couple with a needle and/or medical tubing, a cap configured to couple to the end, and barrier material at least partially encompassing the cap and the end. A syringe assembly is provided comprising a syringe cylinder extending from an opening configured to receive a plunger to an end configured to couple with a needle and/or medical tubing, a plunger extending from one end to a seal end, and at least one cap configured to couple to the one end. A syringe assembly is provided comprising a syringe cylinder extending from an opening configured to receive a plunger to an end configured to couple with a needle and/or medical tubing, and a plunger extending from one end to a seal end, the one end of the plunger defining a recess configured to receive at least one cap.

IPC 8 full level

A61M 5/315 (2006.01); **A61L 2/18** (2006.01); **A61M 5/31** (2006.01); **A61M 5/32** (2006.01); **A61M 5/34** (2006.01)

CPC (source: CN EP)

A61M 5/002 (2013.01 - CN); **A61M 5/315** (2013.01 - CN); **A61M 5/3202** (2013.01 - EP); **A61M 5/3213** (2013.01 - EP); **A61M 5/5086** (2013.01 - CN EP); A61M 5/002 (2013.01 - EP); A61M 2005/3104 (2013.01 - CN EP); A61M 2205/583 (2013.01 - EP); A61M 2205/6054 (2013.01 - CN EP)

Cited by

US9592375B2

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)

WO 2013130891 A1 20130906; **WO 2013130891 A8 20140424**; AU 2013225839 A1 20140911; AU 2013225839 B2 20171026; AU 2018200555 A1 20180215; AU 2018200555 B2 20191114; AU 2019253790 A1 20191114; AU 2019253790 B2 20210902; CA 2902638 A1 20130906; CA 2902638 C 20201208; CA 3094379 A1 20130906; CN 104321097 A 20150128; CN 104321097 B 20181002; CN 109172951 A 20190111; CN 109172951 B 20220211; EP 2819725 A1 20150107; EP 2819725 A4 20151007; HK 1206653 A1 20160115; JP 2015508699 A 20150323; JP 2018161510 A 20181018; JP 6697511 B2 20200520; MX 2014010367 A 20141205; MX 365243 B 20190528; SG 10201607142T A 20161028; SG 10201800636U A 20180227; SG 11201405136P A 20141127

DOCDB simple family (application)

US 2013028437 W 20130228; AU 2013225839 A 20130228; AU 2018200555 A 20180124; AU 2019253790 A 20191022; CA 2902638 A 20130228; CA 3094379 A 20130228; CN 201380022572 A 20130228; CN 201811035071 A 20130228; EP 13755538 A 20130228; HK 15107209 A 20150728; JP 2014560059 A 20130228; JP 2018116474 A 20180619; MX 2014010367 A 20130228; SG 10201607142T A 20130228; SG 10201800636U A 20130228; SG 11201405136P A 20130228