

Title (en)

HIGH SPEED, COMPACT CENTRIFUGE FOR USE WITH SMALL SAMPLE VOLUMES

Title (de)

SCHNELLE, KOMPAKTE ZENTRIFUGE ZUR VERWENDUNG MIT KLEINEN PROBENVOLUMINA

Title (fr)

CENTRIFUGEUSE COMPACTE À GRANDE VITESSE POUR L'UTILISATION AVEC DE PETITS VOLUMES D'ÉCHANTILLON

Publication

EP 3102334 A4 20171122 (EN)

Application

EP 15740419 A 20150122

Priority

- US 201461930462 P 20140122
- US 2015012541 W 20150122

Abstract (en)

[origin: WO2015112772A1] In one nonlimiting example, an automated system is provided for separating one or more components in a biological fluid, wherein the system comprises: (a) a centrifuge comprising one or more bucket configured to receive a container to effect said separating of one or more components in a fluid sample; and (b) the container, wherein the container includes one or more shaped feature that is complementary to a shaped feature of the bucket.

IPC 8 full level

B04B 5/02 (2006.01); **B04B 5/04** (2006.01); **B04B 9/10** (2006.01); **B04B 9/14** (2006.01); **B04B 13/00** (2006.01); **B04B 15/02** (2006.01); **G01N 1/18** (2006.01); **G01N 33/48** (2006.01)

CPC (source: EP)

B04B 5/0421 (2013.01); **B04B 9/10** (2013.01); **B04B 9/14** (2013.01); **B04B 13/00** (2013.01); **B04B 15/02** (2013.01)

Citation (search report)

- [XYI] US 2004087426 A1 20040506 - LATTANZI GIUSEPPE [IT]
- [Y] CN 103212491 A 20130724 - HITACHI KOKI KK
- [A] US 2010009831 A1 20100114 - RYU HEUIGEUN [KR], et al
- [Y] CN 102974474 A 20130320 - HUNAN AEROSPACE ELECTROMECHANICAL EQUIPMENT & SPECIAL MAT INST
- See references of WO 2015112772A1

Cited by

CN109967267A

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)

WO 2015112772 A1 20150730; CA 2937060 A1 20150730; CA 2937060 C 20230103; CN 106102921 A 20161109; CN 106102921 B 20191018; CN 110538725 A 20191206; CN 110538725 B 20220503; EP 3102334 A1 20161214; EP 3102334 A4 20171122; JP 2017510434 A 20170413; JP 2020078800 A 20200528; JP 2022113862 A 20220804; MX 2016009484 A 20161209

DOCDB simple family (application)

US 2015012541 W 20150122; CA 2937060 A 20150122; CN 201580015162 A 20150122; CN 201910870405 A 20150122; EP 15740419 A 20150122; JP 2016547875 A 20150122; JP 2020019374 A 20200207; JP 2022097180 A 20220616; MX 2016009484 A 20150122