

Title (en)
SYSTEM AND METHOD FOR FRACTIONATION OF A CENTRIFUGED SAMPLE

Title (de)
SYSTEM UND VERFAHREN ZUR FRAKTIONIERUNG EINER ZENTRIFUGIERTEN PROBE

Title (fr)
SYSTEME ET PROCEDE DE FRACTIONNEMENT D'UN ECHANTILLON CENTRIFUGE

Publication
EP 1438114 A4 20041229 (EN)

Application
EP 02800477 A 20021004

Priority

- US 0231684 W 20021004
- US 32733601 P 20011004

Abstract (en)

[origin: WO03028844A1] The present invention relates generally to a fractionator 100 for collecting at least one of a plurality of segregated components from a segregated sample disposed in a sample tube 200. The fractionator 100 has a head 100 with a head surface 115 at its forward end. The head 110 may be configured to form a slideable seal with the inside surface of the sample tube 200. A collection port 130 is disposed forward of the head surface 115, and a fluid passageway 135 is in fluid communication with the collection port 130 and is configured and arranged to allow fluid transport from the sample tube 200 to a sample receptacle 230. The fractionator 100 may have a valve 330 in fluid communication with the collection port 130 and may have a valve controller 350 configured and arranged to operate the valve 330 based on the location of the collection port 130 with respect to a sample in the tube 200.

[origin: WO03028844A1] The present invention relates generally to a fractionator (100) for collecting at least one of a plurality of segregated components from a segregated sample disposed in a sample tube (200). The fractionator (100) has a head (100) with a head surface (115) at its forward end. The head (110) may be configured to form a slideable seal with the inside surface of the sample tube (200). A collection port (130) is disposed forward of the head surface (115), and a fluid passageway (135) is in fluid communication with the collection port (130) and is configured and arranged to allow fluid transport from the sample tube (200) to a sample receptacle (230). The fractionator (100) may have a valve (330) in fluid communication with the collection port (130) and may have a valve controller (350) configured and arranged to operate the valve (330) based on the location of the collection port (130) with respect to a sample in the tube (200).

IPC 1-7
B01D 17/038; B01D 17/02; B01L 11/00

IPC 8 full level
G01N 1/10 (2006.01); **A61M 1/02** (2006.01); **B01D 17/02** (2006.01); **B01D 17/032** (2006.01); **B01D 17/038** (2006.01); **B01L 3/00** (2006.01); **B01L 3/14** (2006.01); **B04B 11/00** (2006.01); **G01N 1/34** (2006.01)

CPC (source: EP KR)
B01D 17/02 (2013.01 - KR); **B01D 17/0214** (2013.01 - EP); **B01D 17/0217** (2013.01 - EP); **B01L 3/5082** (2013.01 - EP); **B01L 3/563** (2013.01 - EP); **G01N 1/10** (2013.01 - KR); **G01N 1/28** (2013.01 - KR); **G01N 1/34** (2013.01 - EP); **B01L 2400/0478** (2013.01 - EP); **G01N 2001/4061** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 03028844A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03028844 A1 20030410; AU 2002362437 B2 20071122; CA 2461935 A1 20030410; CN 1564703 A 20050112; EP 1438114 A1 20040721; EP 1438114 A4 20041229; JP 2005504624 A 20050217; KR 20040070335 A 20040807

DOCDB simple family (application)
US 0231684 W 20021004; AU 2002362437 A 20021004; CA 2461935 A 20021004; CN 02819702 A 20021004; EP 02800477 A 20021004; JP 2003532164 A 20021004; KR 20047005017 A 20021004