

Title (en)

DEVICE FOR REMOVING AND PREPARING A SAMPLE

Title (de)

VORRICHTUNG ZUR ENTNAHME UND AUFBEREITUNG EINER PROBE

Title (fr)

DISPOSITIF POUR PRÉLEVER ET PRÉPARER UN ÉCHANTILLON

Publication

EP 2934338 A1 20151028 (DE)

Application

EP 13817691 A 20131223

Priority

- DE 102012113072 A 20121222
- EP 2013077963 W 20131223

Abstract (en)

[origin: WO2014096461A1] The invention relates to a device for removing and preparing a sample, comprising a sampling rod (11) that has a removal structure in the form of a sampling chamber (16) for receiving a specific sample amount, and a receiving tube (1) which receives said sampling rod (11) and which comprises a mixing chamber (19) filled with a liquid for preserving, dissolving and preparing the sample that is in said sampling chamber (16). Said sampling rod (11) is in the form of a hollow body that is open at both ends and comprises an ejecting piston (18) which can be displaced therein and guided in a sealing manner so as to eject said sample out of the sampling chamber (16) and into the mixing chamber (19).

IPC 8 full level

A61B 10/00 (2006.01); **B01F 13/00** (2006.01)

CPC (source: EP US)

A61B 10/0038 (2013.01 - EP US); **B01F 33/254** (2022.01 - EP US); **G01N 1/02** (2013.01 - US); **G01N 1/38** (2013.01 - US);
A61B 10/0096 (2013.01 - EP US); **G01N 2001/382** (2013.01 - US)

Citation (search report)

See references of WO 2014096461A1

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 2014096461 A1 20140626; CN 104220006 A 20141217; EP 2934338 A1 20151028; RU 2014124968 A 20151227;
US 2015292986 A1 20151015

DOCDB simple family (application)

EP 2013077963 W 20131223; CN 201380007520 A 20131223; EP 13817691 A 20131223; RU 2014124968 A 20131223;
US 201314364285 A 20131223